

0590  
0626

## RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/816,460A  
Source: OIPΣ  
Date Processed by STIC: 7-3-02

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: [patin21help@uspto.gov](mailto:patin21help@uspto.gov) or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: [patin3help@uspto.gov](mailto:patin3help@uspto.gov) or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER  
VERSION 3.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND  
TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

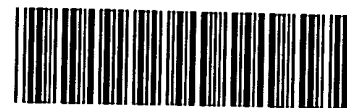
<http://www.uspto.gov/web/offices/pac/checker>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail. Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom. Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
3. Hand Carry directly to:  
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7<sup>th</sup> Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202  
Or  
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 01/29/2002

Does Not Comply  
Corrected Diskette Needed



OIPE

## RAW SEQUENCE LISTING

DATE: 07/03/2002

PATENT APPLICATION: US/09/816,460A

TIME: 14:22:01

Input Set : A:\#610334 v1 - cpmc-010-00us seq list (corrected 6-2002).asc  
Output Set: N:\CRF3\07032002\I816460A.raw

3 <110> APPLICANT: Dairkee, Shanaz H.  
4 Li, Zheng  
6 <120> TITLE OF INVENTION: PROGNOSTIC METHODS FOR BREAST CANCER  
8 <130> FILE REFERENCE: CPMC-010/00US  
10 <140> CURRENT APPLICATION NUMBER: US 09/816,460A  
11 <141> CURRENT FILING DATE: 2001-03-23  
13 <160> NUMBER OF SEQ ID NOS: 47  
15 <170> SOFTWARE: PatentIn version 3.1

## ERRORED SEQUENCES

17 <210> SEQ ID NO: 1  
18 <211> LENGTH: 21  
19 <212> TYPE: DNA  
C--> 20 <213> ORGANISM: Artificial  
22 <220> FEATURE:  
23 <223> OTHER INFORMATION: synthetic primer  
25 <400> SEQUENCE: 1  
E--> 26 gaacagtcgt cgccacatct c 21  
27 (21)  
30 <210> SEQ ID NO: 2  
31 <211> LENGTH: 19  
32 <212> TYPE: DNA  
C--> 33 <213> ORGANISM: Artificial  
35 <220> FEATURE:  
36 <223> OTHER INFORMATION: synthetic primer  
38 <400> SEQUENCE: 2  
E--> 39 tgagctccca ttctctgtc 19  
40 (19)  
43 <210> SEQ ID NO: 3  
44 <211> LENGTH: 24  
45 <212> TYPE: DNA  
C--> 46 <213> ORGANISM: Artificial  
48 <220> FEATURE:  
49 <223> OTHER INFORMATION: synthetic primer  
51 <400> SEQUENCE: 3  
E--> 52 tgatgacatc aagaaggtgg tgaa 24  
53 (24)  
56 <210> SEQ ID NO: 4  
57 <211> LENGTH: 23  
58 <212> TYPE: DNA  
C--> 59 <213> ORGANISM: Artificial

move to right margin  
next to sequence.

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/816,460A

DATE: 07/03/2002

TIME: 14:22:01

Input Set : A:\#610334 v1 - cpmc-010-00us seq list (corrected 6-2002).asc  
 Output Set: N:\CRF3\07032002\I816460A.raw

```

61 <220> FEATURE:
62 <223> OTHER INFORMATION: synthetic primer
64 <400> SEQUENCE: 4
E--> 65 tccttgagg ccatgtgggc cat 23
66 (23)
69 <210> SEQ ID NO: 5
70 <211> LENGTH: 20
71 <212> TYPE: DNA
C--> 72 <213> ORGANISM: Artificial
74 <220> FEATURE:
75 <223> OTHER INFORMATION: synthetic primer
77 <400> SEQUENCE: 5
E--> 78 gactggcatt ttgcatttgt 20
79 (20)
82 <210> SEQ ID NO: 6
83 <211> LENGTH: 20
84 <212> TYPE: DNA
C--> 85 <213> ORGANISM: Artificial
87 <220> FEATURE:
88 <223> OTHER INFORMATION: synthetic primer
90 <400> SEQUENCE: 6
E--> 91 agacaagcaa aagctctttg 20
92 (20)
95 <210> SEQ ID NO: 7
96 <211> LENGTH: 19
97 <212> TYPE: DNA
C--> 98 <213> ORGANISM: Artificial
100 <220> FEATURE:
101 <223> OTHER INFORMATION: synthetic primer
103 <400> SEQUENCE: 7
E--> 104 tccatctctg aatcaatgt 19
105 (19)
108 <210> SEQ ID NO: 8
109 <211> LENGTH: 19
110 <212> TYPE: DNA
C--> 111 <213> ORGANISM: Artificial
113 <220> FEATURE:
114 <223> OTHER INFORMATION: synthetic primer
116 <400> SEQUENCE: 8
E--> 117 gcaatggaat gaaatgaca 19
118 (19)
121 <210> SEQ ID NO: 9
122 <211> LENGTH: 24
123 <212> TYPE: DNA
C--> 124 <213> ORGANISM: Artificial
126 <220> FEATURE:
127 <223> OTHER INFORMATION: synthetic primer
129 <400> SEQUENCE: 9
E--> 130 gttttagggt attggtatt tggt

```

Same

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/816,460A

DATE: 07/03/2002

TIME: 14:22:01

Input Set : A:\#610334 v1 - cpmc-010-00us seq list (corrected 6-2002).asc  
 Output Set: N:\CRF3\07032002\I816460A.raw

```

131 24
134 <210> SEQ ID NO: 10
135 <211> LENGTH: 21
136 <212> TYPE: DNA
C--> 137 <213> ORGANISM: Artificial
139 <220> FEATURE:
140 <223> OTHER INFORMATION: synthetic primer
142 <400> SEQUENCE: 10
E--> 143 gaccacccta ttccaccact a 21
144 21
147 <210> SEQ ID NO: 11
148 <211> LENGTH: 22
149 <212> TYPE: DNA
C--> 150 <213> ORGANISM: Artificial
152 <220> FEATURE:
153 <223> OTHER INFORMATION: synthetic primer
155 <400> SEQUENCE: 11
E--> 156 caaactaata acacccccac ca 22
157 22
160 <210> SEQ ID NO: 12
161 <211> LENGTH: 24
162 <212> TYPE: DNA
C--> 163 <213> ORGANISM: Artificial
165 <220> FEATURE:
166 <223> OTHER INFORMATION: synthetic primer
168 <400> SEQUENCE: 12
E--> 169 ggtaatttgg ttagaggatc gcgc 24
170 24
173 <210> SEQ ID NO: 13
174 <211> LENGTH: 23
175 <212> TYPE: DNA
C--> 176 <213> ORGANISM: Artificial
178 <220> FEATURE:
179 <223> OTHER INFORMATION: synthetic primer
181 <400> SEQUENCE: 13
E--> 182 cgtcgtaaga attcggaggg gtg 23
183 23
186 <210> SEQ ID NO: 14
187 <211> LENGTH: 28
188 <212> TYPE: DNA
C--> 189 <213> ORGANISM: Artificial
191 <220> FEATURE:
192 <223> OTHER INFORMATION: synthetic primer
194 <400> SEQUENCE: 14
E--> 195 tattggtaat ttggttagag gattgtgt 28
196 28
199 <210> SEQ ID NO: 15
200 <211> LENGTH: 25
201 <212> TYPE: DNA

```

Same

## RAW SEQUENCE LISTING

DATE: 07/03/2002

PATENT APPLICATION: US/09/816,460A

TIME: 14:22:01

Input Set : A:\#610334 v1 - cpmc-010-00us seq list (corrected 6-2002).asc

Output Set: N:\CRF3\07032002\I816460A.raw

C--> 202 <213> ORGANISM: Artificial  
204 <220> FEATURE:  
205 <223> OTHER INFORMATION: synthetic primer  
207 <400> SEQUENCE: 15  
E--> 208 tggtgtaaga atttgagggtgtg 25  
209 25  
212 <210> SEQ ID NO: 16  
213 <211> LENGTH: 21  
214 <212> TYPE: DNA  
C--> 215 <213> ORGANISM: Artificial  
217 <220> FEATURE:  
218 <223> OTHER INFORMATION: synthetic primer  
220 <400> SEQUENCE: 16  
E--> 221 atagagccac actttgtctc a 21  
222 21  
225 <210> SEQ ID NO: 17  
226 <211> LENGTH: 21  
227 <212> TYPE: DNA  
C--> 228 <213> ORGANISM: Artificial  
230 <220> FEATURE:  
231 <223> OTHER INFORMATION: synthetic primer  
233 <400> SEQUENCE: 17  
E--> 234 tctttgagaa ccactgtctc c 21  
235 21  
238 <210> SEQ ID NO: 18  
239 <211> LENGTH: 25  
240 <212> TYPE: DNA  
C--> 241 <213> ORGANISM: Artificial  
243 <220> FEATURE:  
244 <223> OTHER INFORMATION: synthetic primer  
246 <400> SEQUENCE: 18  
E--> 247 cctatctcca tctatttctc tgtct 25  
248 25  
251 <210> SEQ ID NO: 19  
252 <211> LENGTH: 20  
253 <212> TYPE: DNA  
C--> 254 <213> ORGANISM: Artificial  
256 <220> FEATURE:  
257 <223> OTHER INFORMATION: synthetic primer  
259 <400> SEQUENCE: 19  
E--> 260 aatcagatcc ccttggaag 20  
261 20  
264 <210> SEQ ID NO: 20  
265 <211> LENGTH: 20  
266 <212> TYPE: DNA  
C--> 267 <213> ORGANISM: Artificial  
269 <220> FEATURE:  
270 <223> OTHER INFORMATION: synthetic primer  
272 <400> SEQUENCE: 20

Same

## RAW SEQUENCE LISTING

DATE: 07/03/2002

PATENT APPLICATION: US/09/816,460A

TIME: 14:22:01

Input Set : A:\#610334 v1 - cpmc-010-00us seq list (corrected 6-2002).asc

Output Set: N:\CRF3\07032002\I816460A.raw

E--> 273 taccttcctt cccactctt 20  
274 (20)  
615 <210> SEQ ID NO: 47  
616 <211> LENGTH: 21  
617 <212> TYPE: DNA  
C--> 618 <213> ORGANISM: Artificial  
620 <220> FEATURE:  
621 <223> OTHER INFORMATION: synthetic primer  
623 <400> SEQUENCE: 47  
E--> 624 agctgtcaga actaagtgt t 21  
625 (21)  
E--> 631 4

Same

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/09/816,460A

DATE: 07/03/2002  
TIME: 14:22:02

Input Set : A:\#610334 v1 - cpmc-010-00us seq list (corrected 6-2002).asc  
Output Set: N:\CRF3\07032002\I816460A.raw

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,  
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27  
Seq#:28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47

## VERIFICATION SUMMARY

DATE: 07/03/2002

PATENT APPLICATION: US/09/816,460A

TIME: 14:22:02

Input Set : A:\#610334 v1 - cpmc-010-00us seq list (corrected 6-2002).asc

Output Set: N:\CRF3\07032002\I816460A.raw

L:20 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:1  
L:26 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:21 SEQ:1  
L:33 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:2  
L:39 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:19 SEQ:2  
L:46 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:3  
L:52 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:24 SEQ:3  
L:59 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:4  
L:65 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:23 SEQ:4  
L:72 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:5  
L:78 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:20 SEQ:5  
L:85 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:6  
L:91 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:20 SEQ:6  
L:98 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:7  
L:104 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:19 SEQ:7  
L:111 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:8  
L:117 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:19 SEQ:8  
L:124 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:9  
L:130 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:24 SEQ:9  
L:137 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:10  
L:143 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:21 SEQ:10  
L:150 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:11  
L:156 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:22 SEQ:11  
L:163 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:12  
L:169 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:24 SEQ:12  
L:176 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:13  
L:182 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:23 SEQ:13  
L:189 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:14  
L:195 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:28 SEQ:14  
L:202 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:15  
L:208 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:25 SEQ:15  
L:215 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:16  
L:221 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:21 SEQ:16  
L:228 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:17  
L:234 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:21 SEQ:17  
L:241 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:18  
L:247 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:25 SEQ:18  
L:254 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:19  
L:260 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:20 SEQ:19  
L:267 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:20  
L:273 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:20 SEQ:20  
L:280 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:21  
L:286 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:20 SEQ:21  
L:293 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:22  
L:299 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:24 SEQ:22  
L:306 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:23  
L:312 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:17 SEQ:23  
L:319 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:24  
L:325 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:20 SEQ:24



## VERIFICATION SUMMARY

DATE: 07/03/2002

PATENT APPLICATION: US/09/816,460A

TIME: 14:22:02

Input Set : A:\#610334 v1 - cpmc-010-00us seq list (corrected 6-2002).asc  
Output Set: N:\CRF3\07032002\I816460A.raw

L:332 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:25  
L:338 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:20 SEQ:25  
L:345 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:26  
L:351 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:16 SEQ:26  
L:358 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:27  
L:364 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:18 SEQ:27  
L:371 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:28  
L:377 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:21 SEQ:28  
L:384 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:29  
L:390 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:24 SEQ:29  
L:397 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:30  
L:403 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:21 SEQ:30  
L:410 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:31  
L:416 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:22 SEQ:31  
L:423 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:32  
L:429 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:21 SEQ:32  
L:436 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:33  
L:442 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:21 SEQ:33  
L:449 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:34  
L:455 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:24 SEQ:34  
L:462 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:35  
L:468 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:20 SEQ:35  
L:475 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:36  
L:481 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:22 SEQ:36  
L:488 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:37  
L:494 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:20 SEQ:37  
L:501 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:38  
L:507 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:20 SEQ:38  
L:514 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:39  
L:520 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:20 SEQ:39  
L:527 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:40  
L:533 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:20 SEQ:40  
L:540 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:41  
L:546 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:22 SEQ:41  
L:553 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:42  
L:559 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:20 SEQ:42  
L:566 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:43  
L:572 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:22 SEQ:43  
L:579 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:44  
L:585 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:20 SEQ:44  
L:592 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:45  
L:598 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:20 SEQ:45  
L:605 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:46  
L:611 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:21 SEQ:46  
L:618 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:47  
L:624 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:21 SEQ:47  
M:254 Repeated in SeqNo=47